

SJV Scientific Company

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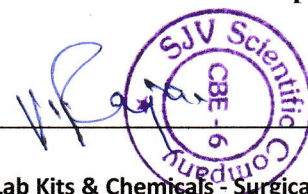
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GSTIN: 33AJXPR6161K1ZG

CALIBRATION REPORT

REPORT No. 23092581425		CDS No. 1425	
Date : 29-09-2023		Instrument : Micropipette	
Customer Name: THE MEDICAL OFFICER GOVT. PRIMARY HEALTH CENTRE MATHAMPALAYAM		Type : Variable Volume Brand : Thermoscientific Model : Finnpiquette F3 Range : 10 - 100 µL Serial No. : RW01526 Received on : 27-09-23	
Environmental Conditions:			
Temperature : 27.7 °C		Atmospheric Pressure : 1004 hpa	
Humidity : 58% RH		Z Factor : 1.0045 µl/mg	
Balance Used For Calibration:			
Brand: SHIMADZU (AUW220D) SI.No. D561600036		Capacity: 220g, Readability: 0.01mg	
Traceability of Calibration:			
Master Name	Lab ID No. / Sr No.	Valid upto	Traceability
Semi Microbalance	PCS/MASTER/SMB/01	13-06-2024	Equation, Chennai
Semi Microbalance Calibrated at NABL Accredited Calibration Laboratory.			
1. Lower Volume: 10 µl		No. of Measurements: 10	
9.99	10.08	10.03	9.93
10.05	9.89	10.07	10.03
10.06	10.01	10.06	10.01
Mean Volume V: 10.01 µl		Error Limits	
Systematic Error es µl : 0.01 (± 0.12)µl		Random Error in Sr µl : 0.06 (± 0.08)µl	
Systematic Error in % : 0.1 (± 1.2)%		Random Error in CV % : 0.6 (± 0.8)%	
2. Middle Volume: 50 µl		No. of Measurements: 10	
49.35	49.23	49.37	50.11
48.87	49.34	48.57	50.07
49.39	49.45	50.15	49.45
Mean Volume V: 49.45 µl		Error Limits	
Systematic Error es µl : -0.55 (± 0.5)µl		Random Error in Sr µl : 0.53 (± 0.2)µl	
Systematic Error in % : -1.1 (± 1.0)%		Random Error in CV % : 1.1 (± 0.4)%	
3. Nominal Volume: 100 µl		No. of Measurements: 10	
99.97	99.06	99.90	100.26
99.95	100.10	99.40	100.09
100.37	99.94	100.32	99.94
Mean Volume V: 99.94 µl		Error Limits	
Systematic Error es µl : -0.1 (± 0.8)µl		Random Error in Sr µl : 0.4 (± 0.3)µl	
Systematic Error in % : -0.1 (± 0.8)%		Random Error in CV % : 0.4 (± 0.3)%	
Calibration Procedure as per ISO 8655 Part 6			
Calibrated on: 29.09.2023		Calibration Due (On) 28.09.2024	

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Sales & Service:

Blood Glucometer - BP Apparatus - Weighing Scale - Nebulizer - ECG Machine - Lab Kits & Chemicals - Surgical Instruments.